

**Amendments to the Claims**

This listing of claims will replace all prior version, and listings, of claims in the application:

**Listing of Claims:**

1. (Canceled)
2. (Currently Amended) A hydrogenThe composition comprising: hydrogen; and an odorant, said odorant having a vapor pressure greater than 0.5 psi, having a smell detectable at less than 1 ppm by a human nose, and being in a vapor phase at detectable concentration at a pressure of 6000 psi~~of claim 1~~, wherein said odorant is a selenium compound.
3. (Original) The composition of claim 2, wherein said selenium compound is ethylselenol.
4. (Currently Amended) The composition of claim 2, wherein said selenium compound is ~~dimethylselenol~~dimethyl selenide.
- 5-6. (Canceled)
7. (Currently Amended) The composition of claim ~~1~~2, wherein said gaseous composition consists essentially of hydrogen gas and said odorant.
8. (Currently Amended) The composition of claim ~~1~~2, wherein said odorant comprises 0.01 to 1000 ppm of said composition.
9. (Currently Amended) The composition of claim ~~1~~2, wherein said odorant comprises 0.1 to 40 ppm of said composition.
10. (Currently Amended) The composition of claim ~~1~~2, wherein said odorant is not harmful to humans.

11. (Original) The composition of claim 7, wherein said odorant has a minimum olfactory power of 7.0, a minimum vapor pressure of 0.5 psi at standard temperature and pressure, a minimum diffusivity of 0.01147 cm.sup.2/s, and a maximum molecular weight of 200 g/mol.

12-14. (Canceled)

15. (Withdrawn) A method for detecting a hydrogen gas leak from a container comprising; providing a container containing a hydrogen composition; and detecting a leak from said container when the smell of an odorant present in said hydrogen composition is sensed, wherein said hydrogen composition comprises hydrogen and said odorant, said odorant having a vapor pressure greater than 0.5 psi, having a smell detectable at less than 1 ppm by a human nose, and being in a vapor phase at detectable concentration at a pressure of 6000 psi.

16. (Withdrawn) The method of claim 15, wherein said odorant is a selenium compound.

17. (Withdrawn) The method of claim 16, wherein said selenium compound is ethylselenol.

18. (Withdrawn) The method of claim 16, wherein said selenium compound is dimethylselenol.

19-20. (Canceled)

21. (Withdrawn) The method of claim 15, wherein said gaseous composition consists essentially of hydrogen gas and said odorant.

22. (Withdrawn) The method of claim 15, wherein said odorant comprises 0.01 to 1000 ppm of said composition.

23. (Withdrawn) The method of claim 15, wherein said odorant comprises 0.1 to 40 ppm of said composition.

24. (Withdrawn) The method of claim 15, wherein said odorant is not harmful to humans.

25. (Withdrawn) The method of claim 15, wherein said odorant is sensed by a human.

26. (Withdrawn) The method of claim 15, wherein said odorant is sensed by a detecting device.

27. (Withdrawn) The method of claim 21, wherein said odorant has a minimum olfactory power of 7.0, a minimum vapor pressure of 0.5 psi at standard temperature and pressure, a minimum diffusivity of 0.01147 cm<sup>2</sup>/s, and a maximum molecular weight of 200 g/mol.

28-30. (Canceled)

31. (Withdrawn) A method of making a hydrogen composition comprising: providing hydrogen gas; and mixing an odorant with said hydrogen gas to form said hydrogen composition, said odorant having a vapor pressure greater than 0.5 psi, having a smell detectable at less than 1 ppm by a human nose, and being in a vapor phase at detectable concentration at a pressure of 6000 psi.

32. (Withdrawn) The method of claim 31, wherein said odorant is a selenium compound.

33. (Withdrawn) The method of claim 32, wherein said selenium compound is ethylselenol.

34. (Withdrawn) The method of claim 32, wherein said selenium compound is dimethylselenol.

35-36. (Canceled)

37. (Withdrawn) The method of claim 31, wherein said gaseous composition consists essentially of hydrogen gas and said odorant.

38. (Withdrawn) The method of claim 31, wherein said odorant comprises 0.01 to 1000 ppm of said composition.

39. (Withdrawn) The method of claim 31, wherein said odorant comprises 0.1 to 40 ppm of said composition.

40. (Withdrawn) The method of claim 31, wherein said odorant is not harmful to humans.

41. (Withdrawn) The method of claim 37, wherein said odorant has a minimum olfactory power of 7.0, a minimum vapor pressure of 0.5 psi at standard temperature and pressure, a minimum diffusivity of 0.01147 cm<sup>2</sup>/s, and a maximum molecular weight of 200 g/mol.

42-44. (Canceled)

45. (New) A fuel cell containing the composition of claim 2.

46. (New) The fuel cell of claim 45, wherein said fuel cell is a vehicle fuel cell.

47. (New) The composition of claim 2, wherein said selenium compound is methylselenol.

48. (New) The composition of claim 2, wherein said selenium compound is isopropylselenol.

49. (New) The composition of claim 2, wherein said selenium compound is propylselenol.

50. (New) The composition of claim 2, wherein said selenium compound is ethylmethylselenide.

51. (New) The composition of claim 2, wherein said selenium compound is isopropylmethylselenide.

52. (New) The composition of claim 2, wherein said selenium compound is tertbutylselenol.

53. (New) The composition of claim 2, wherein said selenium compound is diethylselenide.